

Under the Paperwork Reduction Act of 1995, no persons are required to respond to a collection of information unless it contains a valid OMB control number.

Substitute for form 1449A/PTO				Complete if Known	
INFORMATION DISCLOSURE STATEMENT BY APPLICANT (use as many sheets as necessary)				Application Number	10/804,560
				Filing Date	March 18, 2004
				First Named Inventor	HAREL Tamar et al
				Art Unit	3762
				Examiner Name	KAEHLIN, MICHAEL WILLIAM
Sheet	1	of	11	Attorney Docket Number	34487
U.S. PATENT DOCUMENTS					
Examiner Initials*	Cite No. ¹	Document Number Number-Kind Code ² (if known)	Publication Date DD-MMM-YYYY	Name of Patentee or Applicant of Cited Document	Pages, Columns, Lines, Where Relevant Passages or Relevant Figures Appear
	1	3,572,345	23-Mar-1971	Auphan	
	2	3,587,567	20-Dec-1968	Schiff	
	3	3,651,805	28-Mar-1972	Brelling	
	4	3,942,536	09-Mar-1976	Mirowski et al.	
	5	3,952,750	27-Apr-1976	Mirowski et al.	
	6	4,030,509	21-Jun-1977	Heilman et al.	
	7	4,106,494	15-Aug-1978	McEachern	
	8	4,164,216	14-Aug-1979	Person	
	9	4,184,493	22-Jan-1980	Langer et al.	
	10	4,202,340	13-May-1980	Langer et al.	
	11	4,223,678	23-Sep-1980	Langer et al.	
	12	4,237,895	09-Dec-1980	Johnson	
	13	4,273,114	16-Jun-1981	Berkalov et al.	
	14	4,312,354	26-Jan-1982	Walters	
	15	4,316,472	23-Feb-1982	Mirowski et al.	
	16	4,384,585	24-May-1983	Zips	
	17	4,387,717	14-Jun-1983	Brownlee et al.	
	18	4,403,614	13-Sep-1983	Engle et al.	
	19	4,407,288	04-Oct-1983	Langer et al.	
	20	4,440,172	03-Apr-1984	Langer	
	21	4,506,680	26-Mar-1985	Stokes	
	22	4,543,956	01-Oct-1985	Herscovici	
	23	4,554,922	26-Nov-1985	Prystowsky et al.	
	24	4,566,456	28-Jan-1986	Koning et al.	
	25	4,572,191	25-Feb-1986	Mirowski et al.	
	26	4,628,934	16-Dec-1986	Pohndorf et al.	
	27	4,651,716	24-Mar-1987	Forester et al.	
	28	4,674,508	23-Jun-1987	DeCote	
	29	4,679,572	14-Jul-1987	Baker	
Examiner Signature				Date Considered	

* EXAMINER: Initial if reference considered, whether or not citation is in conformance with MPEP 609. Draw line through citation if not in conformance and not considered. Include copy of copy of this form with next communication to applicant.

¹ Applicant's unique citation designation number (optional).² See Kinds Codes of USPTO Patent Documents at www.uspto.gov or MPEP 901.04. 3 Enter Office that issued the document, by the two-letter code (WFO Standard ST.3).³ Enter Office that issued the document, by the two-letter code (WFO Standard ST.3).⁴ For Japanese patent documents, the indication of the year of the reign of the Emperor must precede the serial number of the patent document.⁵ Kind of document by the appropriate symbols as indicated on the document under WFO Standard ST. 16 if possible.⁶ Applicant is to place a check mark here if English language translation is attached.

This collection of information is required by 37 CFR 1.97 and 1.98. The information is required to obtain or retain a benefit by the public which is to file (and by the USPTO to process) an application. Confidentiality is governed by 35 U.S.C. 122 and 37 CFR 1.14. This collection is estimated to take 2 hours to complete, including gathering, preparing, and submitting the completed application form to the USPTO. Time will vary depending upon the individual case. Any comments on the amount of time you require to complete this form and/or suggestions for reducing this burden, should be sent to the Chief Information Officer, U.S. Patent and Trademark Office, U.S. Department of Commerce, P.O. Box 1450, Alexandria, VA 22313-1450. DO NOT SEND FEES OR COMPLETED FORMS TO THIS ADDRESS. SEND TO: Commissioner for Patents, P.O. Box 1450, Alexandria, VA 22313-1450

Under the Paperwork Reduction Act of 1995, no persons are required to respond to a collection of information unless it contains a valid OMB control number.

Substitute for form 1449A/PTO INFORMATION DISCLOSURE STATEMENT BY APPLICANT <i>(use as many sheets as necessary)</i>				Complete if Known	
				Application Number	10/804,560
				Filing Date	March 18, 2004
				First Named Inventor	HAREL Tamar et al
				Art Unit	3762
Examiner Name	KAEHLIN, MICHAEL WILLIAM				
Sheet	2	Of	11	Attorney Docket Number	34487
U.S. PATENT DOCUMENTS					
Examiner Initials*	Cite No. 1	Document Number	Publication Date	Name of Patentee or Applicant of Cited Document	Pages, Columns, Lines, Where Relevant Passages or Relevant Figures Appear
		Number-Kind Code ² (if known)			
	30	4,690,155	01-Sep-1987	Hess	
	31	4,726,279	23-Feb-1988	Kepler et al.	
	32	4,726,379	23-Feb-1988	Altman et al.	
	33	4,765,341	23-Aug-1988	Mower et al.	
	34	4,830,006	16-May-1989	Haluska et al.	
	35	4,928,688	29-May-1990	Mower	
	36	4,979,507	25-Dec-1990	Heinz et al.	
	37	4,998,531	12-Mar-1991	Bocchi et al.	
	38	5,003,976	02-Apr-1991	Alt	
	39	5,020,544	04-Jun-1991	Dahl et al.	
	40	5,022,396	11-Jun-1991	Watanabe	
	41	5,044,375	03-Sep-1991	Bach et al.	
	42	5,083,564	28-Jan-1992	Scherlag	
	43	5,087,243	11-Feb-1992	Avitall	
	44	5,097,843	24-Mar-1992	Soukup et al.	
	45	5,111,815	12-May-1992	Mower	
	46	5,129,394	14-Jul-1992	Mehra	
	47	5,137,021	11-Aug-1992	Wayne et al.	
	48	5,156,147	20-Oct-1992	Warren et al.	
	49	5,156,149	20-Oct-1992	Hudrik	
	50	5,161,527	10-Nov-1992	Nappholz et al.	
	51	5,163,428	17-Nov-1992	Pless	
	52	5,199,428	06-Apr-1993	Obel et al.	
	53	5,205,284	27-Apr-1993	Freeman	
	54	5,213,098	25-May-1993	Bennett et al.	
	55	5,236,413	17-Aug-1993	Feiring	
	56	5,282,785	01-Feb-1994	Shapland et al.	
	57	5,284,491	08-Feb-1994	Sutton et al.	
	58	5,286,254	15-Feb-1994	Shapland et al.	
	59	5,305,745	26-Apr-1994	Zacouto	
Examiner Signature				Date Considered	

* EXAMINER: Initial if reference considered, whether or not citation is in conformance with MPEP 609. Draw line through citation if not in conformance and not considered. Include copy of copy of this form with next communication to applicant.

¹ Applicant's unique citation designation number (optional).

² See Kinds Codes of USPTO Patent Documents at www.uspto.gov or MPEP 901.04, 3 Enter Office that issued the document, by the two-letter code (WIPO Standard ST.3).

³ Enter Office that issued the document, by the two-letter code (WIPO Standard ST.3).

⁴ For Japanese patent documents, the indication of the year of the reign of the Emperor must precede the serial number of the patent document.

⁵ Kind of document by the appropriate symbols as indicated on the document under WIPO Standard ST. 16 if possible.

⁶ Applicant is to place a check mark here if English language translation is attached.

This collection of information is required by 37 CFR 1.97 and 1.98. The information is required to obtain or retain a benefit by the public which is to file (and by the USPTO to process) an application. Confidentiality is governed by 35 U.S.C. 122 and 37 CFR 1.14; this collection is estimated to take 2 hours to complete, including gathering, preparing, and submitting the completed application form to the USPTO. Time will vary depending upon the individual case. Any comments on the amount of time you require to complete this form and/or suggestions for reducing this burden, should be sent to the Chief Information Officer, U.S. Patent and Trademark Office, U.S. Department of Commerce, P.O. Box 1450, Alexandria, VA 22313-1450. DO NOT SEND FEES OR COMPLETED FORMS TO THIS ADDRESS. SEND TO: Commissioner for Patents, P.O. Box 1450, Alexandria, VA 22313-1450

Under the Paperwork Reduction Act of 1995, no persons are required to respond to a collection of information unless it contains a valid OMB control number.

Substitute for form 1449A/PTO INFORMATION DISCLOSURE STATEMENT BY APPLICANT <i>(use as many sheets as necessary)</i>				Complete if Known	
				Application Number	10/804,560
				Filing Date	March 18, 2004
				First Named Inventor	HAREL Tamar et al
				Art Unit	3762
Examiner Name	KAHLIN, MICHAEL WILLIAM				
Sheet	3	Of	11	Attorney Docket Number	34487
U.S. PATENT DOCUMENTS					
Examiner Initials*	Cite No. 1	Document Number	Publication Date	Name of Patentee or Applicant of Cited Document	Pages, Columns, Lines, Where Relevant Passages or Relevant Figures Appear
		Number-Kind Code ² (if known)			
	60	5,320,543	14-Jun-1994	Roline et al.	
	61	5,320,642	14-Jun-1994	Scheriag	
	62	5,327,887	12-Jul-1994	Nowakowski	
	63	5,346,506	13-Sep-1994	Mower et al.	
	64	5,353,800	11-Oct-1994	Pohndorf et al.	
	65	5,366,486	22-Nov-1994	Zipcs et al.	
	66	5,368,040	29-Nov-1994	Carney	
	67	5,370,665	06-Dec-1994	Hudrik	
	68	5,386,837	07-Feb-1995	Sterzer	
	69	5,387,419	07-Feb-1995	Levy et al.	
	70	5,391,192	21-Feb-1995	Lu et al.	
	71	5,391,199	21-Feb-1995	Ben-Haim	
	72	5,398,683	21-Mar-1995	Edwards et al.	
	73	5,411,531	02-May-1995	Hill et al.	
	74	5,415,629	16-May-1995	Henley	
	75	5,417,717	23-May-1995	Salo et al.	
	76	5,419,763	30-May-1995	Hildebrand	
	77	5,425,363	20-Jun-1995	Wang	
	78	5,443,485	22-Aug-1995	Housworth et al.	
	79	5,447,520	05-Sep-1995	Spano et al.	
	80	5,458,568	17-Oct-1995	Racchini et al.	
	81	5,464,020	07-Nov-1995	Lerner	
	82	5,468,254	21-Nov-1995	Hahn et al.	
	83	5,472,453	05-Dec-1995	Alt	
	84	5,476,484	19-Dec-1995	Hedberg	
	85	5,476,485	19-Dec-1995	Weinberg et al.	
	86	5,476,497	19-Dec-1995	Mower et al.	
	87	5,482,052	09-Jan-1996	Lerner	
	88	5,499,971	19-Mar-1996	Shapland et al.	
	89	5,501,662	26-Mar-1996	Hofmann	
Examiner Signature				Date Considered	

* EXAMINER: Initial if reference considered, whether or not citation is in conformance with MPEP 609. Draw line through citation if not in conformance and not considered. Include copy of copy of this form with next communication to applicant.

¹ Applicant's unique citation designation number (optional).

² See Kinda Codes of USPTO Patent Documents at www.uspto.gov or MPEP 901.04. 3 Enter Office that issued the document, by the two-letter code (WIPO Standard ST.3).

⁴ Enter Office that issued the document, by the two-letter code (WIPO Standard ST.3).

⁵ For Japanese patent documents, the indication of the year of the reign of the Emperor must precede the serial number of the patent document.

⁶ Kind of document by the appropriate symbols as indicated on the document under WIPO Standard ST. 16 if possible.

⁷ Applicant is to place a check mark here if English language translation is attached.

This collection of information is required by 37 CFR 1.97 and 1.98. The information is required to obtain or retain a benefit by the public which is to file (and by the USPTO to process) an application. Confidentiality is governed by 35 U.S.C. 122 and 37 CFR 1.14. This collection is estimated to take 2 hours to complete, including gathering, preparing, and submitting the completed application form to the USPTO. Time will vary depending upon the individual case. Any comments on the amount of time you require to complete this form and/or suggestions for reducing this burden, should be sent to the Chief Information Officer, U.S. Patent and Trademark Office, U.S. Department of Commerce, P.O. Box 1450, Alexandria, VA 22313-1450. DO NOT SEND FEES OR COMPLETED FORMS TO THIS ADDRESS. SEND TO: Commissioner for Patents, P.O. Box 1450, Alexandria, VA 22313-1450

Under the Paperwork Reduction Act of 1995, no persons are required to respond to a collection of information unless it contains a valid OMB control number.

Substitute for form 1449A/PTO INFORMATION DISCLOSURE STATEMENT BY APPLICANT <i>(use as many sheets as necessary)</i>				Complete if Known	
				Application Number	10/804,560
				Filing Date	March 18, 2004
				First Named Inventor	HAREL Tamar et al
				Art Unit	3762
Examiner Name	KAEHLIN, MICHAEL WILLIAM				
Sheet	4	Of	11	Attorney Docket Number	34487
U.S. PATENT DOCUMENTS					
Examiner Initials*	Cite No.†	Document Number	Publication Date	Name of Patentee or Applicant of Cited Document	Pages, Columns, Lines, Where Relevant Passages or Relevant Figures Appear
		Number-Kind Code ² (if known)			
	90	5,514,162	07-May-1996	Bornzin et al.	
	91	5,520,642	28-May-1996	Bigagli et al.	
	92	5,531,764	02-Jul-1996	Adams et al.	
	93	5,540,722	30-Jun-1996	Clare et al.	
	94	5,556,421	17-Sep-1996	Prutchi et al.	
	95	5,568,809	29-Oct-1996	Ben-Haim	
	96	5,571,143	05-Nov-1996	Hoegneid et al.	
	97	5,578,061	26-Nov-1996	Stroetmann et al.	
	98	5,584,804	17-Dec-1996	Klatz et al.	
	99	5,584,868	17-Dec-1996	Salo et al.	
	100	5,587,200	24-Dec-1996	Lorenz et al.	
	101	5,601,609	11-Feb-1997	Duncan	
	102	5,601,611	11-Feb-1997	Fayram et al.	
	103	5,622,687	22-Apr-1997	Krishnan et al.	
	104	5,626,622	06-May-1997	Cooper	
	105	5,634,899	03-Jun-1997	Shapland et al.	
	106	5,649,966	22-Jul-1997	Noren et al.	
	107	5,651,378	29-Jul-1997	Matheny et al.	
	108	5,674,251	07-Oct-1997	Combs et al.	
	109	5,674,259	07-Oct-1997	Gray	
	110	5,683,431	04-Nov-1997	Wang	
	111	5,687,734	18-Nov-1997	Dempsey et al.	
	112	5,713,935	03-Feb-1998	Prutchi et al.	
	113	5,720,768	24-Feb-1998	Verboven-Nelissen	
	114	5,735,876	07-Apr-1998	Kroll et al.	
	115	5,738,096	14-Apr-1998	Ben-Haim	
	116	5,738,105	14-Apr-1998	Kroll	
	117	5,755,740	26-May-1998	Nappholtz	
	118	5,782,876	21-Jul-1998	Flammang	
	119	5,782,881	21-Jul-1998	Lu et al.	
Examiner Signature				Date Considered	

* EXAMINER: Initial if reference considered, whether or not citation is in conformance with MPEP 609. Draw line through citation if not in conformance and not considered. Include copy of copy of this form with next communication to applicant.

† Applicant's unique citation designation number (optional).

² See Kinds Codes of USPTO Patent Documents at www.uspto.gov or MPEP 901.04, 3 Enter Office that issued the document, by the two-letter code (WIPO Standard ST.3).

³ Enter Office that issued the document, by the two-letter code (WIPO Standard ST.3).

⁴ For Japanese patent documents, the indication of the year of the reign of the Emperor must precede the serial number of the patent document.

⁵ Kind of document by the appropriate symbols as indicated on the document under WIPO Standard ST. 16 if possible.

⁶ Applicant is to place a check mark here if English language translation is attached.

This collection of information is required by 37 CFR 1.97 and 1.98. The information is required to obtain or retain a benefit by the public which is to file (and by the USPTO to process) an application. Confidentiality is governed by 35 U.S.C. 122 and 37 CFR 1.14, this collection is estimated to take 2 hours to complete, including gathering, preparing, and submitting the completed application form to the USPTO. Time will vary depending upon the individual case. Any comments on the amount of time you require to complete this form and/or suggestions for reducing this burden, should be sent to the Chief Information Officer, U.S. Patent and Trademark Office, U.S. Department of Commerce, P.O. Box 1450, Alexandria, VA 22313-1450. DO NOT SEND FEES OR COMPLETED FORMS TO THIS ADDRESS. SEND TO: Commissioner for Patents, P.O. Box 1450, Alexandria, VA 22313-1450

Under the Paperwork Reduction Act of 1995, no persons are required to respond to a collection of information unless it contains a valid OMB control number.

Substitute for form 1449A/PTO INFORMATION DISCLOSURE STATEMENT BY APPLICANT <i>(use as many sheets as necessary)</i>				Complete if Known		
				Application Number	10/804,560	
				Filing Date	March 18, 2004	
				First Named Inventor	HAREL Tamar et al	
				Art Unit	3762	
Examiner Name	KAEHLIN, MICHAEL WILLIAM					
Sheet	5	Of	11	Attorney Docket Number 34487		
U.S. PATENT DOCUMENTS						
Examiner Initials*	Cite No. 1	Document Number	Publication Date	Name of Patentee or Applicant of Cited Document	Pages, Columns, Lines, Where Relevant Passages or Relevant Figures Appear	
		Number-Kind Code ² (if known)				
	120	5,792,198	11-Aug-1998	Nappholz		
	121	5,792,208	11-Aug-1998	Gray		
	122	5,797,967	25-Aug-1998	Kenknight		
	123	5,807,234	15-Sep-1998	Bui et al.		
	124	5,807,306	15-Sep-1998	Shapland et al.		
	125	5,865,787	02-Feb-1999	Shapland et al.		
	126	5,871,506	16-Feb-1999	Mower		
	127	5,906,607	25-May-1999	Taylor et al.		
	128	5,913,876	22-Jun-1999	Taylor et al.		
	129	5,927,284	27-Jun-1999	Borst et al.		
	130	6,006,134	21-Dec-1999	Hill et al.		
	131	6,032,074	29-Feb-2000	Collins		
	132	6,032,672	07-Mar-2000	Taylor		
	133	6,041,252	21-Mar-2000	Walker et al.		
	134	6,067,470	23-May-2000	Mower		
	135	6,071,305	06-Jun-2000	Brown et al.		
	136	6,086,582	11-Jul-2000	Altman et al.		
	137	6,136,019	24-Oct-2000	Mower		
	138	6,141,586	31-Oct-2000	Mower		
	139	6,151,586	21-Nov-2000	Brown		
	140	6,178,351	23-Jan-2001	Mower		
	141	6,295,470	25-Sep-2001	Mower		
	142	6,317,631	13-Nov-2001	Ben-Haim et al.		
	143	6,337,995	08-Jan-2002	Mower		
	144	6,341,235	22-Jan-2002	Mower		
	145	6,343,232	29-Jan-2002	Mower		
	146	6,411,847	25-Jun-2002	Mower		
	147	RE 38,119	20-May-2003	Mower		
Examiner Signature				Date Considered		

* EXAMINER: Initial if reference considered, whether or not citation is in conformance with MPEP 609. Draw line through citation if not in conformance and not considered. Include copy of copy of this form with airt communication to applicant.

¹ Applicant's unique citation designation number (optional).

² See Kinds Codes of USPTO Patent Documents at www.uspto.gov or MPEP 901.04. ³ Enter Office that issued the document, by the two-letter code (WIPO Standard ST.3).

⁴ Enter Office that issued the document, by the two-letter code (WIPO Standard ST.3).

⁵ For Japanese patent documents, the indication of the year of the reign of the Emperor must precede the serial number of the patent document.

⁶ Kind of document by the appropriate symbols as indicated on the document under WIPO Standard ST. 16 if possible.

⁷ Applicant is to place a check mark here if English language translation is attached.

This collection of information is required by 37 CFR 1.97 and 1.98. The information is required to obtain or retain a benefit by the public which is to file (and by the USPTO to process) an application. Confidentiality is governed by 35 U.S.C. 122 and 37 CFR 1.14. This collection is estimated to take 2 hours to complete, including gathering, preparing, and submitting the completed application form to the USPTO. Time will vary depending upon the individual case. Any comments on the amount of time you require to complete this form and/or suggestions for reducing this burden, should be sent to the Chief Information Officer, U.S. Patent and Trademark Office, U.S. Department of Commerce, P.O. Box 1450, Alexandria, VA 22313-1450. DO NOT SEND FEES OR COMPLETED FORMS TO THIS ADDRESS. SEND TO: Commissioner for Patents, P.O. Box 1450, Alexandria, VA 22313-1450

Under the Paperwork Reduction Act of 1995, no persons are required to respond to a collection of information unless it contains a valid OMB control number.

(use as many sheets as necessary)

Substitute for form 1449A/PTO

Complete if Known

Application Number	10/804,560
Filing Date	March 18, 2004
First Named Inventor	HAREL Tamar et al
Art Unit	3762
Examiner Name	KAHLIN, MICHAEL WILLIAM
Attorney Docket Number	34487

FOREIGN PATENT DOCUMENTS

[illegible]

* EXAMINER: Initial if reference considered, whether or not citation is in conformance with MPEP 609. Draw line through citation if not in conformance and not considered. Include copy of copy of this form with next communication to applicant.

¹ Applicant's unique citation designation number (optional)

² See *Kinds Codes of USPTO Patent Documents*, at http://www.uspto.gov/patents/forms/docs/kinds_codes/index.jsp.

See Kinds Codes of USPTO Patent Documents at www.uspto.gov or MPFP 901.04. 3 Enter Office that issued the document, by the two-letter code (WIPO Standard ST-3).

Enter Office that issued the document, by the two-letter code (WIPO Standard ST.3).

⁴ For Japanese patent documents, the indication of the year of the reign of the Emperor must precede the serial number of the patent document.

⁵ Kind of document by the appropriate symbols as indicated on the document under WIPO Standard ST. 16 if possible.

6. Indicate the date and time of the interview. If the interview is a translation, indicate the

This application is to place a check mark here if English language translation is attached.

This collection of information is required by 37 CFR 1.97 and 1.98. The information is required to obtain or retain a benefit by the public which is to file (and by the USPTO to process) an application. Confidentiality is governed by 35 U.S.C. 122 and 37 CFR 1.14, this collection is estimated to take 2 hours to complete, including gathering, preparing, reviewing, and submitting information to the USPTO. Time will vary depending upon the individual case. Any comments on the amount of time you require to complete this form and/or suggestions for reducing this burden should be sent to the Chief Information Officer, U.S. Patent and Trademark Office, U.S. Department of Commerce, P.O. Box 1450, Alexandria, VA 22313-1450. DO NOT SEND FEES OR COMPLETED FORMS TO THIS ADDRESS. SEND TO: Commissioner for Patents, P.O. Box 1450, Alexandria, VA 22313-1450

ALL REFERENCES CONSIDERED EXCEPT WHERE LINED THROUGH. /MK/

Under the Paperwork Reduction Act of 1995, no persons are required to respond to a collection of information unless it contains a valid OMB control number.

Substitute for form 1449A/PTO				Complete if Known	
INFORMATION DISCLOSURE STATEMENT BY APPLICANT <i>(use as many sheets as necessary)</i>				Application Number	10/804,560
				Filing Date	March 18, 2004
				First Named Inventor	HAREL Tamar et al
				Group Art Unit	3762
				Examiner Name	KAHLIN, MICHAEL WILLIAM
Sheet	7	Of	11	Attorney Docket Number	34487
OTHER PRIOR ART - NON PATENT LITERATURE DOCUMENTS					
Examiner Initials	Cite No. ¹	Include name of the author (in CAPITAL LETTERS), title of the item (book, magazine, journal, serial symposium, catalog, etc.) date, page(s), volume-issue number(s), publisher, city and/or country where published.			T ²
	163	Antman et al. "Treatment of 150 Cases of Life-Threatening Digitalis Intoxication With Digoxin-Specific Fab Antibody Fragments", Circulation, 81(6): 1744-1752, 1990.			
	164	Antoni et al. "Polarization Effects of Sinusoidal 50-Cycle Alternating Current on Membrane Potential of Mammalian Cardiac Fibres", Pflügers Archiv European Journal of Physiology, 314(4): 274-291, 1970. Abstract.			
	165	Bakker et al. "Beneficial Effects of Biventricular Pacing of Congestive Heart Failure", Pace, 17(Part II): 318, 1994.			
	166	Bargheer et al. "Prolongation of Monophasic Action Potential Duration and the Refractory Period in the Human Heart by Tedisamil, A New Potassium-Blocking Agent", Journal European Heart, 15(10): 1409-1414, 1994. Abstract.			
	167	Bers "Excitation Contraction Coupling and Cardiac Contractile Force", Internal Medicine, 237(2): 17, 1991. Abstract.			
	168	Borst et al. "Coronary Artery Bypass Grafting Without Cardiopulmonary Bypass and Without Interruption of Native Coronary Flow Using A Novel Anastomosis Site Restraining Device (Octopus)", Journal of the American College of Cardiology, 27(6): 1356-1364, 1996.			
	169	Cano et al. "Dose-Dependent Reversal of Digoxin-Inhibited Activity of An In-Vitro Na+K+ATPase Model by Digoxin-Specific Antibody", Toxicology Letters, 85(2): 107-1011, 1996.			
	170	Cazeau et al. "Multisite Pacing for End-Stage Heart Failure: Early Experience", Pacing and Clinical Electrophysiology, 19(11): 1748-1757, 1996. Abstract.			
	171	Cheng et al. "Calcium Sparks: Elementary Events Underlying Excitation-Contraction Coupling in Heart Muscle", Science, 262(5134): 740-744, 1993. Abstract.			
	172	Cooper "Postextrasystolic Potentiation. Do We Really Know What It Means and How to Use It?", Circulation, 88: 2962-2971, 1993.			
	173	Coulton et al. "Magnetic Fields and Intracellular Calcium; Effects on Lymphocytes Exposed to Conditions for 'Cyclotron Resonance' ", Phys. Med. Biol., 38: 347-360, 1993. Abstract.			
Examiner Signature					Date Considered

* EXAMINER: Initial if reference considered, whether or not citation is in conformance with MPEP 609. Draw line through citation if not in conformance and not considered. Include copy of copy of this form with next communication to applicant.

¹ Applicant's unique citation designation number (optional).

² See Kinds Codes of USPTO Patent Documents at www.uspto.gov or MPEP 901.04.3 Enter Office that issued the document, by the two-letter code (WIPO Standard ST.3).

³ Enter Office that issued the document, by the two-letter code (WIPO Standard ST.3).

⁴ For Japanese patent documents, the indication of the year of the reign of the Emperor must precede the serial number of the patent document.

⁵ Kind of document by the appropriate symbols as indicated on the document under WIPO Standard ST. 16 if possible.

⁶ Applicant is to place a check mark here if English language translation is attached.

This collection of information is required by 37 CFR 1.97 and 1.98. The information is required to obtain or retain a benefit by the public which is to file (and by the USPTO to process) an application. Confidentiality is governed by 35 U.S.C. 122 and 37 CFR 1.14. This collection is estimated to take 2 hours to complete, including gathering, preparing, and submitting the completed application form to the USPTO. Time will vary depending upon the individual case. Any comments on the amount of time you require to complete this form and/or suggestions for reducing this burden, should be sent to the Chief Information Officer, U.S. Patent and Trademark Office, U.S. Department of Commerce, P.O. Box 1450, Alexandria, VA 22313-1450. DO NOT SEND FEES OR COMPLETED FORMS TO THIS ADDRESS. SEND TO: Commissioner for Patents, P.O. Box 1450, Alexandria, VA 22313-1450

Under the Paperwork Reduction Act of 1995, no persons are required to respond to a collection of information unless it contains a valid OMB control number.

Substitute for form 1449A/PTO INFORMATION DISCLOSURE STATEMENT BY APPLICANT <i>(use as many sheets as necessary)</i>			Complete if Known		
			Application Number	10/804,560	
			Filing Date	March 18, 2004	
			First Named Inventor	HAREL Tamar et al	
			Art Unit	3762	
Examiner Name	KAEHLIN, MICHAEL WILLIAM				
Sheet	8	Of	11	Attorney Docket Number	34487
OTHER PRIOR ART – NON PATENT LITERATURE DOCUMENTS					
Examiner Initials*	Cite No.	Include name of the author (in CAPITAL LETTERS), title of the article (when appropriate), title of the item (book, magazine, journal, serial symposium, catalog, etc.) date, page(s), volume-issue number(s), publisher, city and/or country where published.			T ²
	174	Dillion "Optical Recordings in the Rabbit Heart Show That Defibrillation Strength Shocks Prolong the Duration of Depolarization and the Refractory Period", <i>Circulation Research</i> , 69: 842-856, 1991.			
	175	Dillon "Synchronized Repolarization After Defibrillation Shocks. A Possible Component of the Defibrillation Process Demonstration by Optical Recordings in Rabbit Heart", <i>Circulation</i> , 85(5): 1865-1878, 1992.			
	176	Fain et al. "Improved Internal Defibrillation Efficacy With A Biphasic Waveform", <i>American Heart Journal</i> , 117(2): 358-364, 1989, Abstract.			
	177	Fleg et al. "Impact of Age on the Cardiovascular Response to Dynamic Upright Exercise in Healthy Men and Women", <i>Journal of Applied Physiology</i> , 78: 890-900, 1995, Abstract.			
	178	Fleischhauer et al. "Electrical Resistances of Interstitial and Microvascular Space as Determinants of the Extracellular Electrical Field and Velocity of Propagation in Ventricular Myocardium", <i>Circulation</i> , 92: 587-594, 1995.			
	179	Foster et al. "Acute Hemodynamic Effects of Atrial - Biventricular Pacing in Humans", <i>The Society of Thoracic Surgeons</i> , 59: 294-300, 1995, Abstract.			
	180	Franz "Bridging the Gap Between Basic Clinical Electrophysiology: What Can Be Learned From Monophasic Action Potential Recordings?", <i>Journal Cardiovasc Electrophysiology</i> , 5(8): 699-710, 1994, Abstract.			
	181	Franz "Method and Theory of Monophasic Action Potential Recording", <i>Prog. Cardiovasc Dis</i> , 33(6): 347-368, 1991.			
	182	Fromer et al. "Ultrarapid Subthreshold Stimulation for Termination of Atrioventricular Node Reentrant Tachycardia", <i>Journal of the American College Cardiology</i> , 20: 879-883, 1992.			
	183	Fu et al. "System Identification of Electrically Coupled Smooth Muscle Cells: The Passive Electrically Coupled Smooth Muscle Cells: The Passive Electrical Properties", <i>IEEE Transactions on Biomedical Engineering</i> , 38(11): 1130-1140, 1991.			
Examiner Signature				Date Considered	

* EXAMINER: Initial if reference considered, whether or not citation is in conformance with MPEP 609. Draw line through citation if not in conformance and not considered. Include copy of copy of this form with next communication to applicant.

¹ Applicant's unique citation designation number (optional).

² See Kinds Codes of USPTO Patent Documents at www.uspto.gov or MPEP 901.04.3 Enter Office that issued the document, by the two-letter code (WIPO Standard ST.3).

³ Enter Office that issued the document, by the two-letter code (WIPO Standard ST.3).

⁴ For Japanese patent documents, the indication of the year of the reign of the Emperor must precede the serial number of the patent document.

⁵ Kind of document by the appropriate symbols as indicated on the document under WIPO Standard ST. 16 if possible.

⁶ Applicant is to place a check mark here if English language translation is attached.

This collection of information is required by 37 CFR 1.97 and 1.98. The information is required to obtain or retain a benefit by the public which is to file (and by the USPTO to process) an application. Confidentiality is governed by 35 U.S.C. 122 and 37 CFR 1.14. This collection is estimated to take 2 hours to complete, including gathering, preparing, and submitting the completed application form to the USPTO. Time will vary depending upon the individual case. Any comments on the amount of time you require to complete this form and/or suggestions for reducing this burden, should be sent to the Chief Information Officer, U.S. Patent and Trademark Office, U.S. Department of Commerce, P.O. Box 1450, Alexandria, VA 22313-1450. DO NOT SEND FEES OR COMPLETED FORMS TO THIS ADDRESS. SEND TO: Commissioner for Patents, P.O. Box 1450, Alexandria, VA 22313-1450

Under the Paperwork Reduction Act of 1995, no persons are required to respond to a collection of information unless it contains a valid OMB control number.

Substitute for form 1449A/PTO INFORMATION DISCLOSURE STATEMENT BY APPLICANT <i>(use as many sheets as necessary)</i>				Complete if Known		
				Application Number	10/804,560	
				Filing Date	March 18, 2004	
				First Named Inventor	HAREL Tamar et al	
				Art Unit	3762	
Examiner Name	KAEHLIN, MICHAEL WILLIAM					
Sheet	9	Of	11	Attorney Docket Number 34487		
OTHER PRIOR ART – NON PATENT LITERATURE DOCUMENTS						
Examiner Initials ¹	Cite No. ²	Include name of the author (in CAPITAL LETTERS), title of the article (when appropriate), title of the item (book, magazine, journal, serial symposium, catalog, etc.) date, page(s), volume- issue number(s), publisher, city and/or country where published.				T ³
	184	Gill et al. "Refractory Period Extension During Ventricular Pacing at Fibrillatory Pacing Rates", Pacing and Clinical Electrophysiology, 20(3): 647-653, 1997, Abstract.				
	185	Ham et al. "Classification of Cardiac Arrhythmias Using Fuzzy Artmap", IEEE Transactions on Biomedical Engineering, 43(4): 425-429, 1996, Abstract.				
	186	Hoffman et al. "Effects of Postextrasystolic Potentiation on Normal and Failing Hearts", Bulletin of the New York Academy of Medicine, 41(5): 498-534, 1965.				
	187	Josephson "Clinical Cardiac Electrophysiology: Techniques and Interpretations", Lea & Febiger, 2nd Ed., 2 P., 1991.				
	188	King et al. "The Inotropic Action of Paired Pulse Stimulation in the Normal and Failing Heart: An Experimental Study", Cardiovascular Research, 2: 122-129, 1968.				
	189	Knisley et al. "Prolongation and Shortening of Action Potentials by Electrical Shocks in Frog Ventricular Muscle", American Journal of Physiology, 266(6): H2348-H2358, 1994, Abstract.				
	190	Koller et al. "Relation Between Repolarization and Refractoriness During Programmed Electrical Stimulation in the Human Right Ventricle", Circulation, 91(9): 2378-2384, 1995, Abstract.				
	191	Langberg et al. "Identification of Ventricular Tachycardia with Use of the Morphology of the Endocardial Electrogram", Circulation, 77(6): 1363-1369, 1988.				
	192	Lindstrom et al. "Intracellular Calcium Oscillations in A T-Cell Line After Exposure to Extremely-Low-Frequency Magnetic Fields with Variable Frequencies and Flux Densities", Bioelectromagnetics, 16(1): 41-47, 1995, Abstract.				
	193	Lubart et al. "Effect of Light on Calcium Transport in Bull Sperm Cells", J. Photochemical Photobiology, 14: 337-341, 1992.				
	194	Matheny et al. "Vagus Nerve Stimulation as A Method to Temporarily Slow or Arrest the Heart", Annals of Thoracic Surgery, 63(6): S28-29, 1997, Abstract.				
	195	McVeigh et al. "Noninvasive Measurement of Transmural Gradients in Myocardial Strain With MR Imaging", Radiology, 180(3): 677, 679-684, 1991.				
Examiner Signature					Date Considered	

¹ EXAMINER: Initial if reference considered, whether or not citation is in conformance with MPEP 609. Draw line through citation if not in conformance and not considered.

Include copy of copy of this form with next communication to applicant.

² Applicant's unique citation designation number (optional).³ See Kinds Codes of USPTO Patent Documents at www.uspto.gov or MPEP 901.04. ³ Enter Office that issued the document, by the two-letter code (WIPO Standard ST.3).⁴ Enter Office that issued the document, by the two-letter code (WIPO Standard ST.3).⁵ For Japanese patent documents, the indication of the year of the reign of the Emperor must precede the serial number of the patent document.⁶ Kind of document by the appropriate symbols as indicated on the document under WIPO Standard ST. 16 if possible.⁷ Applicant is to place a check mark here if English language translation is attached.

This collection of information is required by 37 CFR 1.97 and 1.98. The information is required to obtain or retain a benefit by the public which is to file (and by the USPTO to process) an application. Confidentiality is governed by 35 U.S.C. 122 and 37 CFR 1.14. This collection is estimated to take 2 hours to complete, including gathering, preparing, and submitting the completed application form to the USPTO. Time will vary depending upon the individual case. Any comments on the amount of time you require to complete this form and/or suggestions for reducing this burden, should be sent to the Chief Information Officer, U.S. Patent and Trademark Office, U.S. Department of Commerce, P.O. Box 1450, Alexandria, VA 22313-1450. DO NOT SEND FEES OR COMPLETED FORMS TO THIS ADDRESS. SEND TO: Commissioner for Patents, P.O. Box 1450, Alexandria, VA 22313-1450

Under the Paperwork Reduction Act of 1995, no persons are required to respond to a collection of information unless it contains a valid OMB control number.

Substitute for form 1449A/PTO INFORMATION DISCLOSURE STATEMENT BY APPLICANT <i>(use as many sheets as necessary)</i>				Complete if Known		
				Application Number	10/804,560	
				Filing Date	March 18, 2004	
				First Named Inventor	HAREL Tamar et al	
				Art Unit	3762	
Examiner Name	KAEHLIN, MICHAEL WILLIAM					
Sheet	10	Of	11	Attorney Docket Number 34487		
OTHER PRIOR ART – NON PATENT LITERATURE DOCUMENTS						
Examiner Initials*	Cite No. ¹	Include name of the author (in CAPITAL LETTERS), title of the article (when appropriate), title of the item (book, magazine, journal, serial symposium, catalog, etc.) date, page(s), volume-issue number(s), publisher, city and/or country where published.				T ²
	196	Mercando et al. "Automated Detection of Tachycardias by Antitachycardia Devices", Cardiac Electrophysiology: From Cell to Bedside, Chap.100: 943-948, 2004.				
	197	Moran et al. "Digoxin-Specific Fab Fragments Impair Renal Function in the Rat", Journal of Pharmacy and Pharmacology, 46(10): 854-856, 1994, Abstract.				
	198	Morse et al. "A Guide to Cardiac Pacemakers, Defibrillators and Related Products",				
	199	Nannini et al. "Muscle Recruitment With Intrafascicular Electrodes", IEEE Transactions on Biomedical Engineering, 38: 769-776, 1991, Abstract.				
	200	Paul et al. "Automatic Recognition of Ventricular Arrhythmias Using Temporal Electrogram Analysis", PACE, 14: 1265-1273, 1991.				
	201	Pumir et al. "Control of Rotating Waves in Cardiac Muscle: Analysis of the Effect of Electric Fields", Proceedings: Biological Sciences, 257(1349): 129-134, 1994, Abstract.				
	202	Ranjan et al. "Electrical Stimulation of Cardiac Myocytes", Annals of Biomedical Engineering, 23(6): 812-821, 1995, Abstract.				
	203	Saksena et al. "Prevention of Recurrent Atrial Fibrillation With Chronic Dual-Site Right Atrial Pacing", Journal of the American College of Cardiology, 28(3): 687-694, 1996, Abstract.				
	204	Schwartz et al. "Exposure of Frog Hearts to CW or Amplitude-Modified VHF Fields: Selective Efflux of Calcium Ions at 16 Hz", Bioelectromagnetics, 11(4): 349-358, 1990, Abstract.				
	205	Shumaik et al. "Oleander Poisoning: Treatment With Digoxin-Specific Fab Antibody Fragments", Annals of Emergency Medicine, 17(7): 732-735, 1988.				
	206	Skale et al. "Inhibition of Premature Ventricular Extrastimuli by Subthreshold Conditioning Stimuli", J. Am. Coll. Cardiol., 6: 133-140, 1985, Abstract.				
	207	Sweeney et al. "Countershock Strength-Duration Relationship for Myocardial Refractory Period Extension", Academic Emergency Medicine, 2(1): 57-62, 1995, Abstract.				
	208	Sweeney et al. "Refractory Interval After Transcardiac Shocks During Ventricular Fibrillation", Circulation, 94(11): 2947-2952, 1996.				
	209	Sweeney et al. "Ventricular Refractory Period Extension Caused by Defibrillation Shocks", Circulation, 82(3): 965-972, 1990.				
Examiner Signature					Date Considered	

* EXAMINER: Initial if reference considered, whether or not citation is in conformance with MPEP 609. Draw line through citation if not in conformance and not considered. Include copy of copy of this form with next communication to applicant.

¹ Applicant's unique citation designation number (optional).

² See Kinds Codes of USPTO Patent Documents at www.uspto.gov or MPEP 901.04.3 Enter Office that issued the document, by the two-letter code (WIPO Standard ST.3).

³ Enter Office that issued the document, by the two-letter code (WIPO Standard ST.3).

⁴ For Japanese patent documents, the indication of the year of the reign of the Emperor must precede the serial number of the patent document.

⁵ Kind of document by the appropriate symbols as indicated on the document under WIPO Standard ST. 16 if possible.

⁶ Applicant is to place a check mark here if English language translation is attached.

This collection of information is required by 37 CFR 1.97 and 1.98. The information is required to obtain or retain a benefit by the public which is to file (and by the USPTO to process) an application. Confidentiality is governed by 35 U.S.C. 122 and 37 CFR 1.14. This collection is estimated to take 2 hours to complete, including gathering, preparing, and submitting the completed application form to the USPTO. Time will vary depending upon the individual case. Any comments on the amount of time you require to complete this form and/or suggestions for reducing this burden, should be sent to the Chief Information Officer, U.S. Patent and Trademark Office, U.S. Department of Commerce, P.O. Box 1450, Alexandria, VA 22313-1450. DO NOT SEND FEES OR COMPLETED FORMS TO THIS ADDRESS. SEND TO: Commissioner for Patents, P.O. Box 1450, Alexandria, VA 22313-1450

Under the Paperwork Reduction Act of 1995, no persons are required to respond to a collection of information unless it contains a valid OMB control number.

Substitute for form 1449A/PTO INFORMATION DISCLOSURE STATEMENT BY APPLICANT <i>(use as many sheets as necessary)</i>				Complete if Known		
				Application Number	10/804,560	
				Filing Date	March 18, 2004	
				First Named Inventor	HAREL Tamar et al	
				Art Unit	3762	
				Examiner Name	KAHLIN, MICHAEL WILLIAM	
Sheet	11	Of	11	Attorney Docket Number		34487
OTHER PRIOR ART – NON PATENT LITERATURE DOCUMENTS						
Examiner Initials*	Cite No. ¹	Include name of the author (in CAPITAL LETTERS), title of the article (when appropriate), title of the item (book, magazine, journal, serial symposium, catalog, etc.) date, page(s), volume-issue number(s), publisher, city and/or country where published.				T ²
	210	Talit et al. "The Effect of External Cardiac Pacing on Stroke Volume", pacc, 13(5): 598-602, 1990, Abstract.				
	211	Taniguchi et al. "Inhomogeneity of Cellular Activation Time and Vmax in Normal Myocardial Tissue Under Electrical Field Stimulation", Am. J. Physiol., 267: H694-H705, 1994, Abstract.				
	212	Thakor et al. "Effect of Varying Pacing Waveform Shapes on Propagation and Hemodynamics in the Rabbit Heart", The American Journal of Cardiology, 79(6A): 36-43, 1997, Abstract.				
	213	Tsong "Electroporation of Cell Membranes", Biophysical Journal, 60: 297-306, 1991.				
	214	Verrier et al. "Electrophysiologic Basis for T Wave Alternans as An Index of Vulnerability to Ventricular Fibrillation", Journal of Cardiovascular Electrophysiology, 5(5): 445-461, 1994, Abstract.				
	215	Webster "Design of Cardiac Pacemakers, IEEE Press, P. xi-xiii, 1995.				
	216	Wessale et al. "Stroke Volume and the Three Phase Cardiac Output Rate Relationship With Ventricular Pacing", PACE, 13: 673-680, 1990.				
	217	Windle et al. "Subthreshold Conditioning Stimuli Prolong Human Ventricular Refractoriness", Am. J. Cardiol., 57(6): 381-386, 1986, Abstract.				
	218	Wirtzfeld et al. "Physiological Pacing: Present Status and Future Developments", Pace, 10(Part I): 41-57, 1987, Abstract.				
	219	Xue et al. "Neural-Network-Based Adaptive Matched Filtering for QRS Detection", IEEE Transactions on Biomedical Engineering, 39(4): 317-329, 1992, Abstract.				
	220	Yokoyama "The Phase of Supernormal Excitation in Relation to the Strength of Subthreshold Stimuli", Japanese Heart Journal, 17: 315-325, 1976.				
	221	Zipes et al. "Cardiac Electrophysiology - From Cell to Bedside", Saunders Co., 4th Ed., 1990.				
Examiner Signature	/Michael Kahelin/				Date Considered	08/28/2009

* EXAMINER: Initial if reference considered, whether or not citation is in conformance with MPEP 609. Draw line through citation if not in conformance and not considered. Include copy of copy of this form with next communication to applicant.

¹ Applicant's unique citation designation number (optional).

² See Kinds Codes of USPTO Patent Documents at www.uspto.gov or MPEP 901.04. 3 Enter Office that issued the document, by the two-letter code (WIPO Standard ST.3).

⁴ Enter Office that issued the document, by the two-letter code (WIPO Standard ST.3).

⁵ For Japanese patent documents, the indication of the year of the reign of the Emperor must precede the serial number of the patent document.

⁶ Kind of document by the appropriate symbols as indicated on the document under WIPO Standard ST. 16 if possible.

⁷ Applicant is to place a check mark here if English language translation is attached.

This collection of information is required by 37 CFR 1.97 and 1.98. The information is required to obtain or retain a benefit by the public which is to file (and by the USPTO to process) an application. Confidentiality is governed by 37 CFR 1.122 and 37 CFR 1.14. This collection is estimated to take 2 hours to complete, including gathering, preparing, and submitting the completed application form to the USPTO. Time will vary depending upon the individual case. Any comments on the amount of time you require to complete this form and/or suggestions for reducing this burden, should be sent to the Chief Information Officer, U.S. Patent and Trademark Office, U.S. Department of Commerce, P.O. Box 1480, Alexandria, VA 22313-1480. DO NOT SEND FEES OR COMPLETED FORMS TO THIS ADDRESS. SEND TO: Commissioner for Patents, P.O. Box 1480, Alexandria, VA 22313-1480

If you need assistance in completing the form, call 1-800-PTO-9199 and select option 2.

ALL REFERENCES CONSIDERED EXCEPT WHERE LINED THROUGH. /MK/